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PATENT TRADEMARK OFFICE

Attorney's Docket No. KIN-011USA

JC02 Rec'd PCT/PTO 27 MAR 2002

TRANSMITTAL LETTER TO THE U.S. ELECTED OFFICE
(EO/US) - ENTRY INTO NATIONAL STAGE UNDER 35 USC 371**PCT/JP01/02706**

International Application No.

March 30, 2001

International Filing Date

April 5, 2000

Priority Date Claimed

LASER HOLE DRILLING COPPER FOIL

Title of Invention

Masaru Sakamoto
 c/o Nikko Materials Co., LTD
 GNF Plant 3-3-1
 Shirogane-cho, Hitachi-city
 Ibaraki, 317-0056, Japan

Kouji Kitano
 c/o Nikko Materials Co., LTD
 GNF Plant 3-3-1
 Shirogane-cho, Hitachi-city
 Ibaraki, 317-0056, Japan

Citizenship: Japan

Citizenship: Japan

Applicant(s), Residence Addresses and Citizenship for EO/US

Box PCT
 Assistant Commissioner for Patents
 Washington, DC 20231
 Attn. EO/US

Sir:

Applicants herewith submit to the United States Elected Office (EO/US) the following items under 35 USC 371:

- (1) This express request to immediately begin national examination procedures (35 USC 371(f)).
- (2) A copy of the international application (in the Japanese Language) including: two cover pages, ten pages of specification, one page of claims, one page of abstract, two sheets of drawings (FIGs. 1-3), and two pages of International Search Report.
- (3) A verified copy of the international application translated into the English Language, including 16 pages of specification, one page of claims, a one page abstract, and two sheets of drawings (FIGs. 1-3).
- (4) A two page executed Verification of Translation.

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- (5) An executed Combined Declaration and Power of Attorney.
- (6) A one page English language translation of International Search Report.
- (7) A copy of the four page Request form.
- (8) A copy of the three page Demand for Preliminary Examination.
- (9) A copy of the five page International Preliminary Examination Report in the Japanese Language.
- (10) An English translation of the International Preliminary Examination Report.
- (11) A Preliminary Amendment, and
- (12) Our check in the amount of \$890.00 covering the basic national fee as set forth in 37 CFR 1.492(a)(5) (Two claims in total; one independent; and no multiple dependent).

Please charge any additional fees which may be required to effect entry into the National Phase and credit any overpayment to our deposit account 08-3040.

Please direct all communications concerning this application to the undersigned.

Respectfully submitted,
Howson and Howson
Attorneys for the Applicant

By William Bak
William Bak
Registration No. 37,277
Spring House Corporate Center
Box 457
Spring House, PA 19477
(215) 540-9216

KIN60USA

JC13 Rec'd PCT/PTO 27 MAR 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:)	
)	Examiner:
Sakamoto et al.)	
)	Group Art Unit:
Application No.:)	
)	
Corresponding International Filing No.:)	
PCT/JP01/02706)	
)	
Filed: Herewith)	
)	
For: LASER HOLE DRILLING)	
COPPER FOIL)	

Box PCT
 Assistant Commissioner for Patents
 Washington, DC 20231

VERIFICATION OF TRANSLATION

Sir:

I, Isamu Ogoshi, having been warned that willful false statements and the like are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code, and may jeopardize the validity of the above-captioned application and any patent issuing thereon, declare:

- (1) I am a patent attorney authorized to practice law in Japan and am engaged in the practice of law with TecLaw Patent & Law Office at Nishi-Shimbashi Sato Bldg. 7F, 4-1, Nishi-Shimbashi 3-chome, Minato-ku, Tokyo 105, Japan.
- (2) I am fluent in the Japanese and English Languages.
- (3) I have reviewed the attached translation, and certify that it is an accurate English translation of the Japanese language international application of Masaru Sakamoto

and Kouji Kitano, filed on March 30, 2001 and given International Application No.

PCT/JP01/02706.

(4) All of the statements made herein of my own knowledge are true and all statements made herein on information and belief are believed to be true.

March 20, 2002

Date

Isamu Ogoshi

Isamu Ogoshi

10/089581

JCS Rec'd PCT/PTO 27 MAR 2002

PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 890.00)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Sakamoto et al
Examiner Name	
Group Art Unit	
Attorney Docket No.	KIN60USA

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 08-3040

Deposit Account Name Howson and Howson

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	<input type="text"/> X <input type="text"/> = <input type="text"/>	
Multiple Dependent	- 3** =	<input type="text"/> X <input type="text"/> = <input type="text"/>	
		<input type="text"/> = <input type="text"/>	

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) <u>Basic National Fee</u>					890.00

as set forth in 37 CFR 1.492 (a) (5) Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 890.00)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	William Bak	Registration No. (Attorney/Agent)	37,277	Telephone	215-540-9216
Signature				Date	03/27/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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